

ITEM:	11
SUBJECT:	<p>McDonnell-Douglas Corporation and Aerojet-General Corporation, Inactive Rancho Cordova Test Site Perchlorate Plume</p> <p>a. Consideration of Revision of Cleanup and Abatement</p> <p>b. Presentation on an Engineering Evaluation and Cost Analysis for an Interim Remedial Measure for Perchlorate in Groundwater at Mather Field</p>
DISCUSSION:	<p>In response to Cleanup and Abatement Order No. 97-093, the Boeing Company and Aerojet-General Corporation have submitted an Engineering Evaluation and Cost Analysis (EE/CA) for the plume of perchlorate in groundwater emanating from the Inactive Rancho Cordova Test Site and onto Mather Field. The EE/CA evaluated several alternatives to controlling the plume of perchlorate. The preferred alternative is to extract the groundwater at the downgradient edge, treat the groundwater in a single treatment facility, and discharge treated groundwater to surface water under an NPDES permit. The surface water will be the American River, the Folsom South Canal, or Morrison Creek. The treated water will be made available in the future for direct and indirect reuse. Direct reuse will necessitate approval of the treatment process by the Department of Health Services.</p> <p>Order No. 97-093 is proposed for revision to require replacement of water supplies lost due to perchlorate, to modify the monitoring of downgradient water supply wells, and to modify the schedule in the Cleanup and Abatement Order. McDonnell-Douglas and Aerojet were requested to submit an Alternate Water Supply Report for four water supply wells that have been lost due to concentrations of perchlorate exceeding the DHS interim action level of 18 ppb. The proposed revision requires finalization of the report, submittal of similar reports for water supplies that are lost in the future, and replacement of lost water supplies.</p> <p>Monitoring of the water supply wells over the last two years, along with the data from construction of groundwater monitor wells have shown that the existing wells being monitored need not be monitored on a monthly basis. The wells are now proposed for quarterly monitoring. In addition, four Citizens Utilities wells are being added to the list of wells required to be monitored. Citizens Utilities will sample the wells, and the costs will be reimbursed by McDonnell-Douglas and Aerojet.</p> <p>The schedule for compliance with Order No. 97-093 is proposed for changes to the schedule for CEQA completion and the addition of a date for submittal of the final Alternate Water Supply Report.</p>

RECOMMENDATION:	<p>Adopt revised Cleanup and Abatement Order No. 97-093 requiring the McDonnell-Douglas Corporation and the Aerojet-General Corporation to:</p> <ul style="list-style-type: none">a. Propose, design, and implement interim remedial action to halt the spread of perchlorate in groundwater emanating from the Inactive Rancho Cordova Test Site and onto Mather Field. The project proposed in the EE/CA may be modified based on new information and based on public comment and the CEQA process.b. Replace water supply lost due to the perchlorate contamination.c. c. Monitor downgradient water supply wells.d. d. Submit Alternate Water Supply Reports for wells that exceed a value of 9 ppb perchlorate.
-----------------	---

Mgmt. Review _____

Legal Review _____